

# SEQUENCE LISTING

<110> Glenn, Matthew  
Grigor, Murray R  
Molenaar, Adrian J  
Davis, Stephen R

<120> Compositions isolated from bovine  
mammary gland and methods for their use.

<130> 11000.1068

<150> US 09/699,146

<151> 2000-10-27

<150> US 60162,701

<151> 1999-10-29

<150> US 09/644,190

<151> 2000-08-22

<150> US 60/150,330

<151> 1999-08-23

<160> 15

<170> FastSEQ for Windows Version 4.0

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<211> 505

<212> DNA

<213> Bovine

<400> 1

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atatccacta	aattatcctc	ctgcgtatcc	atttccttaa	aatgctgctt	agtaactaca	240
ggacatgatt	agagagattt	ttcacaatga	tttttcctac	tctttctggt	gtgttgaaaa	300
ccatctttca	aatgaataaa	acaaagaaaa	aaaaatcagt	caagtagttg	cacaacacat	360
acttggaatc	aaatatcaat	attttaaaac	ataataatga	tagtctctga	actatgtaat	420
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ggtaccgctg	tccaggactc	caccaaatat	gaagatcttt	atctttatct	tcattatggc	180
tctcatccta	gccatgatta	gagctgattc	atctgaagag	aaacgtcaca	ggaaacggaa	240
aaaacatcat	agaggatatt	ttcaacaata	ccagccatat	caacgatatc	cactaaatta	300

tctctctgcg	tatccatttc	cttaaaatgc	tgcttagtaa	ctacaggaca	tgattagaga	360
gatttttcac	aatgatTTTT	cctactcttt	ctgttggtgt	gaaaaccatc	tttcaaata	420
ataaaacaaa	gaaaaaaaaa	tcagtcaagt	agttgcacaa	cacatacttg	gaatcaaata	480
tcaatatttt	aaaacataat	aatgacagtc	tctgaactat	gtaattgggt	tctactttct	540
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gagaatacat	atttatcttt	gaaatatatc	tatacaatga	ttagcttatg	tgtccattga	300
attatctttt	tatgatacac	taggtaaaga	cccaaagac	ttgtgtgctg	ttactgttta	360
catagaaacc	tataatgcca	ccctgataaa	gccagttatt	ttctaagaaa	agttatttct	420
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gctactgcta	agttgcttca	gtcatgtcca	actctgtgcg	accccataga	cagcagcgca	780
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aatttcatct	ttcatgactg	gactccacca	aatatgaaga	tctttatctt	tgtcttcatt	180
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cggaaaaaac	atcatagagg	atattttcaa	caataccagc	catatcaacg	atatccacta	300
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aatgaataaa	acaaagaaaa	aaaaatcagt	caagtagttg	cacaacacat	acttggaatc	480
aaatatcaat	attttaaaac	ataataatga	tagtctctga	actatgtaat	tggtttctac	540
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<212> DNA  
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cacaggaaac ggaaaaaaca tcatgttgat aggtctccag aattcttact aatacaagag 180  
gatattttca acaataccag ccatatcaac gatatccact aaattatcct cctgcgtatc 240  
catttcctta aaatgctgct tagtaactac aggacatgat tagagagatt tttcacaatg 300  
atttttccta ctctttctgt tgtgttgaaa accatctttc aaatgaataa aacaaagaaa 360  
aaaaaatcag tcaagtagtt gcacaacaca tacttggaat caaatatcaa tattttaaaa 420  
cataataatg atagtctctg aactatgtaa ttggtttcta ctttcttttc tctgtcactt 480  
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<210> 7  
<211> 58  
<212> PRT  
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Ile Arg Ala Asp Ser Ser Glu Glu Lys Arg His Arg Lys Arg Lys Lys  
20 25 30  
His His Arg Gly Tyr Phe Gln Gln Tyr Gln Pro Tyr Gln Arg Tyr Pro  
35 40 45  
Leu Asn Tyr Pro Pro Ala Tyr Pro Phe Pro  
50 55

<210> 8  
<211> 58  
<212> PRT  
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<400> 8  
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20 25 30  
His His Arg Gly Tyr Phe Gln Gln Tyr Gln Pro Tyr Gln Arg Tyr Pro  
35 40 45  
Leu Asn Tyr Pro Pro Ala Tyr Pro Phe Pro  
50 55

<210> 9  
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<212> PRT  
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<400> 9  
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Ile Arg Ala Asp Ser Ser Glu Glu Lys Arg His Arg Lys Arg Lys Lys  
20 25 30  
His His Val Cys Ile Pro Leu Ile Met Trp Tyr Ser Ile Arg Ile Phe  
35 40 45  
Phe Thr Gln Asn Ile Tyr Ser Ile Arg Glu Tyr Ile Phe Ile Phe Glu

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50 55 60  
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<210> 10  
 <211> 58  
 <212> PRT  
 <213> Bovine

<400> 10  
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 1 5 10 15  
 Ile Arg Ala Asp Ser Ser Glu Glu Lys Arg His Arg Lys Arg Lys Lys  
 20 25 30  
 His His Arg Gly Tyr Phe Gln Gln Tyr Gln Pro Tyr Gln Arg Tyr Pro  
 35 40 45  
 Leu Asn Tyr Pro Pro Ala Tyr Pro Phe Pro  
 50 55

<210> 11  
 <211> 21  
 <212> PRT  
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<400> 11  
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 1 5 10 15  
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<210> 12  
 <211> 59  
 <212> PRT  
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<400> 12  
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 20 25 30  
 His His Val Asp Arg Ser Pro Glu Phe Leu Leu Ile Gln Glu Asp Ile  
 35 40 45  
 Phe Asn Asn Thr Ser His Ile Asn Asp Ile His  
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 <213> Artificial sequence

<220>  
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<210> 14  
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 <212> PRT  
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<220>  
 <223> Artificial sequence

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<210> 15  
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tcacaggaaa cggaaaaaac atcatagagg atattttcaa caataccagc catatcaacg	180
atatccacta aattatcctc ctgcgtatcc atttccttaa aatgctgctt agtaactaca	240
ggacatgatt agagagattt ttcacaa	267

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